

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,176,160 B2  
APPLICATION NO. : 10/688412  
DATED : February 13, 2007  
INVENTOR(S) : Rafael L. Espinoza et al.

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 24,  
Line 51, the word "catalytic" was omitted before the words --metal-containing--.

Column 26,  
Line 31, "about S" should read --about 8--.

Column 26,  
Line 46, "1 rub-n" should read --1 nm--.

Column 28,  
Line 6, "horn" should read --from--.

Signed and Sealed this

Fourth Day of March, 2008

A handwritten signature in black ink, appearing to read "Jon W. Dudas". The signature is stylized with a large, looped initial "J" and a cursive "Dudas".

JON W. DUDAS  
*Director of the United States Patent and Trademark Office*